

Hands free solar powered cap/visor integrated wireless multi-media apparatus



ABSTRACT

A apparatus whereby the functional electronics components of popular consumer communications and entertainment products can be repackaged in a molded plastic module that would be mounted underneath and follow the contour of the brim of a head wearable cap/visor providing the user with a hands free, continuous power, virtually invisible multi-media capability. The module would feature, a drop down visual display, drop down camera lens for low resolution digital photography, rechargeable battery, stereo speakers and earphones, a microphone and microphone boom, manual push button controls and LED indicator lights, input/output jacks, and an interactive voice capability. A flexible solar cell and antenna would be mounted on the upper surface of the head wearable cap/visor providing the wireless link and continuous power to the electronics module. All components would be secured to the head wearable cap brim via two active pins that protrude from the upper surface of the electronic module, pierce the brim, and mate up with the solar cell and antenna on the upper surface of the brim.

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